

POTASH
No crop can be grown without Potash. Supply enough Potash and your profits will be large; without Potash your crop will be "scrubby."

Our books, telling about composition of fertilizers best adapted for all crops, are free to all farmers.
GERMAN KALI WORKS,
93 Nassau St., New York.

HICKS FOR FEBRUARY.

The first storm period in February will be central on the 4th, covering the 2nd to 7th. About the 3rd to the 6th will be central days of marked disturbance. High gales will prevail in southern and central sections. The period will culminate in heavy sleet and snow, a high barometer and rushing blizzardous winds down from the northwest. Calm, disagreeable weather will follow these storms up to the reactionary storm days central on the 10th and 11th. On about these days there will be marked changes to falling barometer, warmer weather and rain and snow. After these reactionary storms it will be cooler with northwest winds.

The next regular storm period will last from the 14th to the 18th. The moon is new on the 18th, on the celestial equator on the 19th, and in perigee on the 20th. These facts give assurance that the disturbances beginning about the 16th, 17th and 18th will not subside until after the 19th and 20th. Some heavy tropical storms are probable, especially in the south. The hardest storm will be between the 18th and 20th.

Continued unsettled weather, with squalls of rain and snow, will likely prevail into and through the reactionary storm days, 21st to 23rd. After these days wintry temperatures will prevail. During the last part of the month there will be sudden blasts of cold following on the heels of warm rains and thunder.

The closing storm period for February is central on the 27th. The month goes on with falling barometer, higher temperature and rain and snow from western and northern extremes. These 2nd of March.

PREVENTED A TRAGEDY.

Timely information given Mrs. Geo. Long, of New Straitsville, O., prevented a dreadful tragedy and saved two lives. A dreadful cough had long kept her awake every night. She had tried many remedies and doctors, but steadily grew worse until urged to try Dr. King's New Discovery. One bottle wholly cured her, and she writes this marvelous medicine also cured Mr. Long of a severe attack of pneumonia. Such cures are positive proof of the matchless merit of this grand remedy for curing all throat, chest and lung troubles. Only 50 cents and \$1. Every bottle guaranteed. Trial bottles free at all drug stores.

TELEPHONE RATES.

Sooner or later, in the opinion of the Boston Post, telephone companies will be brought under regulation by the State, like other quasi-public corporations. A bill has been introduced in the Massachusetts Legislature fixing a maximum charge for telephone service in cities and towns, vary according to population.

"This plan," observes the Post, "is simple, direct, and very much to the point. The objection to it, which lies on the surface, is that it is inelastic and may be found inequitable in some circumstances." But it would at least bring about one of the results desired, namely, a reduction of the excessive rates. The significance of this proposition cannot escape the notice of the telephone companies. Some day a bill of this sort will become law. The alternative of submitting to State supervision in accordance with the established policy of the Commonwealth is rejected by these corporations. If the corporations persist in refusing supervision by a State commission, the only recourse of the people is to apply regulation directly through acts of the Legislature."

That publicity is the best remedy for evils in which the general public is interested has been fully proven by the Congressional investigation of the hazing at West Point. Before the committee could make its report, the cadets unanimously adopted a resolution pledging themselves to engage in no more hazing.

Nearly \$4,000 has been subscribed for the proposed monument to be erected in Richmond to the memory of Dr. Hunter H. McGuire.

CASTORIA
The Kind You Have Always Bought
Bears the Signature of *Dr. J. C. Watson*

Farm News and Views

When selecting trees the coming spring give the small ones the preference. The majority of growers seem to prefer large trees, but the small trees will make a better start and in a few years be fully as large as the others. The larger the tree the larger the roots, but large roots have fewer fibres and will not so readily sustain the tree. Fibrous roots grow at once, and the more of them the better. Roots of large trees are often injured in digging them at the nursery, while the small trees are rarely so injured. The larger, or the tree the more it costs, and consequently small trees are cheaper. When trees are received all injured roots should be trimmed and the location carefully prepared. Use no manure at the roots, but good rich top soil may be thrown in. After the tree is in place pour a bucketful of water around the base and when it has soaked into the ground throw dry soil over the surface. Bear in mind that the more top to the tree the greater the work for the roots to perform, for which all trees should be cut back as far as possible, allowing but few buds to grow the first year.

Potatoes grown on land upon which rye or clover has remained during the winter and plowed under in spring, according to experiments made, were free from disease. Potatoes grown on lands heavily manured with stable manure showed more liability to disease than when fertilizers were applied and no manure used.

A root sprayer is one of the newest additions to the spraying outfit. This simple appliance is a bent tube, sharpened at the point and perforated. It is used to reach in among the roots of trees or vines, so as to force the spraying mixture to those parts that cannot otherwise be reached. It can be attached to any force pump or sprayer. The destruction of aphides, worms, etc., that work deep in the ground is a matter that is more important than may be supposed, as frequently trees die when they are apparently healthy.

Great improvements have been made in the weights of farm implements and vehicles. They are now lighter than formerly, but much stronger, as more iron and steel and less wood are used in their construction. Farmers are learning that a wagon that will haul two tons is better than a heavier one, that it is cheaper to haul smaller loads than to use more horses simply to draw the extra weight of the wagon. Many wagons are heavy, even when empty, and the same may be stated of some kinds of farm machinery. The tendency at present is to combine lightness and strength.

The profit from a dairy herd is due to the yields of the best cows. It is possible for a dairyman to sell one-half of his cows and make a larger profit on fewer animals than on the original number. There are hundreds of herds where a few good cows not give a profit, but also support the unprofitable ones.

The sunflower is overlooked as a crop in this country. It will produce as many bushels of seed as corn, and a bushel of seed will produce about a gallon of oil. The residuum is equal to linseed meal for stock. The flowers are worked upon by bees, and the stalks make excellent fuel. The leaves are said to be cured and used as fillers in cigars, and the seed can be ground into meal from which bread may be made and are also excellent when fed whole to poultry.

The application of fertilizers should be made under the most favorable circumstances, if possible. The loss from rain and snow is less when fertilizer is incorporated with the soil. When broadcasted on the surface by hand there may be too much of it applied in places and an insufficiency in others. The use of a fertilizer drill will give good results when using fertilizer at time of drilling seeds, but a harrow on the surface, after broadcasting fertilizer, will aid in more evenly distributing it in the soil.

Land plaster is an excellent fertilizer for all kinds of leguminous crops, being a special fertilizer for clover. One hundred pounds per acre will show excellent results, but twice that quantity may be used. It is sulphate of lime and is partially soluble in water. It has power of absorbing and retaining ammoniacal gases and gives them up to the plants. While it serves also to induce chemical reaction in the soil yet the fact that it is partially soluble gives it a great advantage in supplying lime to some plants in a form that is immediately available.

There is a difference in the keeping qualities of root crops. Carrots and beets seem to lose their sweetness after being frozen, but parsnips and salsify



RISKS
Are run by every woman who has household cares. It is so easy just to run out of the warm house into the fresh air, to run a piece of lace to the clothes line. It is also easy to take cold in doing so. Then perhaps comes suppression and kindred evils. Whenever there is any disturbance of the normal womanly function Dr. Pierce's Favorite Prescription may be relied upon to re-establish perfect health. It is strictly a temperance medicine, containing no alcohol or whisky, neither opium, cocaine nor other narcotic.

"Several years ago I suffered severely from female weakness, dyspepsia and menorrhagia, and used 'Favorite Prescription' with splendid effect," writes Fannie Abbot, of Washington, Iowa, "and I have not had a return of the old trouble since. I have recommended it to a number of my lady friends. I always tell them to try a bottle and if they are not benefited by it I will pay for the medicine. In every case they have spoken in praise of it."

Sick women are invited to consult Dr. Pierce, by letter free. All correspondence strictly private and securely confidential. Address Dr. R. V. Pierce, Buffalo, N. Y.

Dr. Pierce's Favorite Prescription makes weak women strong and sick women well.

can be left in the rows all winter. The parsnip is a more valuable crop than some others. Freezing does not injure its quality and it is excellent for stock and on the table. It can be cooked in various ways.

Every breeder of thoroughbred stock who aims to make a reputation never fails to cull from the flock or herd an animal that has the least blemish. If the farmer should pursue such policy, even with grade stock, he would increase the producing capacity of his animals every year. Every inferior animal retained is a drawback to all others, as success is had by using only the best for breeding.

The best place for all kinds of slaps, scapends, etc., is on the manure heap. It is an advantage to keep manure somewhat damp (not wet), and when all refuse matter is added the manure will be better than when kept real dry. If the manure in the heap is turned over at least once during the winter and the coarser portions thrown at the bottom, decomposition of the mass will be more uniform, while the addition of the soapends, etc., will prevent loss of ammonia.

Experiments made with the different breeds of poultry, in order to determine which breeds of hens produce the largest number of eggs, resulted in no selection. One breed would come first one year and another the second. The age of the hens, the food and the quarters largely influence laying. Some breeds excel in summer and others in winter, but not half a dozen eggs will be the difference between many breeds for a whole year's laying.

BISMARCK'S IRON NERVE

Was the result of his splendid health indomitable will and tremendous energy are not found where stomach, liver, kidneys and bowels are out of order. If you want these qualities and the success they bring, use Dr. King's New Life Pills. They develop every power of brain and body. Only 25c. at all drug stores.

OBSERVATIONS.

The woman of forty who has illusions, and of fifty, hopes, is to be pitied.

Ambition hardens women's faces, and men's souls.

Women admire each other in exact ratio to their inability to become rivals.

Sudden enthusiasms have sudden endings.

Servility is an absolutely useless quality. It neither deceives nor pleases, and earns only ridicule or contempt.

An excellent way to keep a secret is never to give it away.

A woman who holds another up to ridicule is not to be trusted with a man's honor.

To give expensive presents and owe extensive debts is very fashionable.

Boy's best friend is his mother's girl's her father, if both be up to date.

In all the world no vocation is so hard as to amuse a lot of people who laugh only to stifle a yawn.

Love is wise, but he never could learn to tell time.

SOME PREDICTIONS OF NIKOLA TESLA.

1. A system of wireless telegraphy by which a message can be sent clear around the world.
2. Electrical production of ozone for sterilizing water to rid it of its many impurities.
3. The manufacture of artificial food by oxidized hydrogen.
4. The flying machine will be a fact. It will not bring universal peace, as some suppose. Some nation will rule the air as well as the sea.
5. Future developments will tend to diminish the number of individuals engaged in battle. This will bring into use a machine which can be operated by the fewest possible individuals.
6. The perfection of the teleautomaton, a machine having all its bodily movements controlled by a distance without wires. Teleautomatons are applicable to any machine that moves on land, in water, or in the air.
7. The transmission of electrical energy through the air without a wire.
8. A system to draw energy from the sun.
9. The electrolytic process of extracting iron from ore and melting it into required forms without fuel consumption.
10. The electrolytic manufacture of aluminum and its gradual extermination of copper and, possibly, iron.
11. A self-acting engine capable of deriving energy from its own motion. Success for February.

WISE WORDS.

No man was ever so much deceived by another as by himself.

Judgement is not upon all occasions required, but discretion always is.

Perseverance is failing nineteen times and succeeding the twentieth.

What we lack is not more talents, but more purpose with those we have.

Industrious wisdom often doth prevent what lazy folly thinks inevitable.

Moderate merriment with a contented spirit are preferable to millions without it.

Activity is the law of all intellectual life. The more you live in conformity to that law, the happier you will be.

Pleasure and enjoyment are good enough in their place; but remember that sobriety and earnestness of purpose are our best possessions.

Since the generality of persons act from impulse much more than from principle, men are neither so good nor so bad as we are apt to think them.

A vulgar man is captious and jealous, eager and impetuous about trifles. He suspects himself to be slighted, and storms will culminate about the 1st and thinks everything that is said meant at him.

CURES RHEUMATISM OR CATARRH IN A DAY—TREATMENT FREE.

B. B. B. (Botanic Blood Balm) cures the worst and most stubborn cases by draining the poison out of the blood and bones and building up the broken down constitution. Aches and pains in the bones or joints, swollen glands, droppings in the throat, hawking, spitting or bad breath, etc., all disappear promptly and permanently. B. B. B. cures where all else fails. Druggists, \$1. Treatment of B. B. B. sent absolutely free and prepaid by writing to Blood Balm Co., Atlanta, Ga. Describe trouble and free medical advice given until cured. B. B. B. puts new color in your skin and makes the blood redder and more nourishing, stopping all aches and pains. Over 3000 cures by B. B. B.

MIU-WINTER EXCURSIONS TO WASHINGTON—VERY LOW RATES—B. AND O. R. R.

On February 2 and April 11, 1901, the Baltimore and Ohio Railroad will run popular mid-winter excursions to Washington at very low rates for the round trip, allowing ten day limit on tickets, including date of sale.

Splendid trains, through coaches, Pullman parlor and sleeping cars. Do not miss these splendid opportunities to visit the National Capital during the session of Congress. For tickets, time of trains and full information call on or address T. E. Jarrett, Agent, B. & O. R. R., Lexington, Va. Jan 9 to April 1.

DON'T BE FOOLED!
Take the genuine, original **ROCKY MOUNTAIN TEA**. Made only by **Atlantic Medicine Co.**, New York, Wis. It is the only tea that has a trade mark cut on each package. Price, 25c. per bottle. Never sold in bulk. Beware of cheap imitations.

GET THE ALMANAC THAT PREDICTS THE GALVESTON STORM.

The Ladies' Birthday Almanac for 1901 is being distributed in our city this week. This publication achieved great prominence in September by its accurate prediction of the Galveston storm. The New York Times, September 13th, said: "Galveston's disastrous storm was predicted with startling accuracy by the weather prophet, Andrew Jackson DeVoe, in the Ladies' Birthday Almanac, issued in Chattanooga, Tenn., last January." It is so different from the ordinary cheap patent medicine almanac, that it has become very popular, and now has a circulation of 15,000,000 copies annually. Our readers who have not received a copy of the 1901 edition, can get it from their merchant, or by sending their address to the Ladies' Birthday Almanac, Chattanooga, Tenn.

TO THE DEAF.
A rich lady, cured of her Deafness and Noises in the Head by Dr. Nicholson's Artificial Ear Drums, gave \$100.00 to his Institute, so that deaf people unable to procure the Ear Drums may have them free. Address No. 124th The Nicholson Institute, 780, Eight Avenue, New York.

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The Kind You Have Always Bought
Bears the Signature of *Dr. J. C. Watson*

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For Infants and Children.
The Kind You Have Always Bought Bears the Signature of *Dr. J. C. Watson*
In Use For Over Thirty Years
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THE CENTAUR COMPANY, NEW YORK CITY.

MORPHINE
Opium, etc.
disease cured by TACK-A-POU-SHA
345942 cases in 17 years
HOME TREATMENT CO., 123 West 43d St., New York City.

1837 THE SUN 1901
BALTIMORE, MD.
The Paper of The People. For The People And With The People.
Honest in Motive. Fearless in Expression, Sound in Principle.

A newspaper is an educator; there are all kinds of educators, but the man who spends money judiciously and liberally is better able to impart his knowledge than the man who has little or nothing to spend. The Sun is the highest type of a newspaper. The Sun's special correspondents throughout the United States, as well as in Europe, South Africa, China, and, in fact, all over the world, make it an up-to-date newspaper. The Market Reports and commercial features put the farmer, the merchant and the broker in close touch with the markets at Baltimore, Norfolk, Charleston, New York, Chicago, Philadelphia and other places which are prominent centers. From now on the news of the world promises to be more interesting than ever before, and national and political questions will arise, making probably the most eventful period in the country's history. This, together with the corps of editors and reporters at Baltimore, Washington and New York, make The Sun invaluable to its readers. By mail, fifty cents a month; six months, \$3; one year, \$6.

THE WEEKLY SUN.
THE BEST FAMILY PAPER.
All the news of the world in attractive form; an Agricultural Department second to none in the country; market reports which are recognized authorities; short stories, complete in each number; an interesting women's column, and a varied and attractive department of household interest. One Dollar a year. Inducements to getters-up of clubs for The Weekly Sun. Both the Daily and Weekly Sun mailed free of charge in the United States, Canada and Mexico. Payments invariably in advance. Address A. S. ABELL COMPANY, Publishers and Proprietors, BALTIMORE, MD.

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A Medicine Chest in Itself.
SIMPLE, SAFE AND QUICK CURE FOR Cramps, Diarrhoea, Colds, Coughs, Neuralgia, Rheumatism. 25 and 50 cent Bottles. BEWARE OF IMITATIONS. BUY ONLY THE GENUINE. PERRY DAVIS' FIVE PAIN EXPELLER.

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ONLY FIFTY CENTS
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and includes absolutely free THE FARM JOURNAL, (Phila.) THE PARAGON MONTHLY, (N. Y.) ANIMAL LIEK, (Richmond, Va.) Four complete papers, reading for the entire family, for one year for 50 cents. Address The Weekly Times, Richmond, Va.

SOUTH ATLANTIC LIFE INSURANCE COMPANY
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CAPITAL & SURPLUS \$250,000
ECONOMICALLY MANAGED BY THE SOUTH'S MOST SUCCESSFUL BUSINESS MEN. PRUDENT INVESTMENT. GOOD DIVIDENDS. THE PRODUCING AGENT GETS THE PROFITS THAT IN OTHER COMPANIES GO TO GENERAL AGENTS AND MIDDLE-MEN. RICH TERRITORY & GOOD COMPENSATION FOR GOOD MEN.

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Invents, and Trade-Marks obtained and all Patent business conducted for MODERATE FEES. OUR OFFICE IS OPPOSITE U. S. PATENT OFFICE and we secure patents in less time than those remote from Washington. Send model, drawing or photo, with description. We advise, if patentable or not, free of charge. Our fee not due until patent is secured. A PAMPHLET, "How to Obtain Patents," with cost of same in the U. S. and foreign countries, sent free. Address, C. A. SNOW & CO., PATENT OFFICE, WASHINGTON, D. C.

C. & O. Route
Schedule in Effect Jan. 1, 1901.
For Lynchburg and Richmond.

Oct. 1, 1900	No. 80 Except Sunday	No. 83 Daily
Lv. Lexington...	10:30 am	4:00 pm
Ar. Buena Vista...	10:55 am	4:25 pm
Ar. Balcyny Falls...	11:30 am	5:00 pm
Lv. Balcyny Falls...	11:36 am	5:06 pm
Ar. Lynchburg...	12:45 pm	6:15 pm
Ar. Richmond...	6:20 pm	

No. 80 connects at Lynchburg with Southern Railway North and South.
No. 83 connects at Balcyny Falls with No. 9 for Clifton Forge and the West.

FOR CINCINNATI AND LOUISVILLE.

Lv. Lexington...	4:00 pm Daily
Ar. Balcyny Falls...	5:00 pm Daily
" New Castle...	5:25 pm Daily
" Clifton Forge...	7:30 pm Daily
Lv. Clifton Forge...	8:35 pm Daily
Ar. Virginia Hot Springs...	10:20 pm Daily
" Cincinnati...	8:00 am Daily
" Louisville...	11:00 am Daily
" Chicago...	5:30 pm Daily
" St. Louis...	6:45 pm Daily

Pullman Sleeping Cars from Clifton Forge to Cincinnati, Louisville and St. Louis.
Trains Arrive Lexington
12:45 p. m. daily except Sunday from Clifton Forge.
6:20 p. m. daily from Richmond and Lynchburg.
For rates, tickets, and other information apply to S. O. CAMPBELL, City Ticket Agent.
JOHN D. POTTS, Asst. G. P. A., Richmond, Va.

B & O. RAILROAD

TIME TABLE IN EFFECT NOV. 25, 1900
TIL FURTHER NOTICE

NORTHBOUND.	No. 84 Pass.	No. 14 No. 44 Pa.
Lv. LEXINGTON...	4:10 am	11:40 am 2:00 pm
Staunton...	5:45 am	1:15 pm 5:00 pm
Harrisonburg...	6:45 am	2:10 pm 7:00 pm

Train 8 and 14 connects with Southern R. R. at Harrisonburg for Strasburg Junction.

NORTHBOUND.	No. 8 Pass.
Lv. Strasburg Junction...	8:20 am
Capron Road...	8:25 am
Winchester...	9:01 am
Stephenson...	9:11 am
Charlestown...	9:47 am
Harper's Ferry...	10:10 am
Washington...	11:56 am
Baltimore...	12:56 pm
Philadelphia...	3:08 pm
Ar. New York...	5:40 pm

Train 60 connects with Southern R. R. at Strasburg Junction for Harrisonburg and points on Valley Railroad.

SOUTHBOUND.	No. 59 Pass.	No. 17 No. 41 Pass. Mixed
Lv. Harrisonburg...	2:30 pm	7:15 am
Staunton...	3:45 pm	8:10 am
Ar. LEXINGTON...	5:26 pm	9:45 am 11:00 am

"Daily except Sunday.
For rates, tickets, baggage checked, apply to any office of the B. & O. Railroad or to C. E. DUDROW, Traveling Passenger Agent, Harper's Ferry, W. Va.
F. D. UNDERWOOD, 21 Vice-Pres. and Gen'l. Manager,
D. B. MARTIN, Manager Pass. Traff.

175 PER CENT ANNUALLY

That's the Profit—Copper the Article—Mexico the Country.

"El Progreso" in its group of six mines has some of the richest copper ore in the richest mining country in the world. One runs 12 per cent. copper, 12 oz. silver, a trace of gold, total value about \$43 a ton, and in two of the mines, in addition to copper and silver, ore contains 3 per cent. to 5 per cent. quicksilver or mercury, about \$100 a ton. The great Lake Superior copper mines—Copper, Calumet and Houghton, Tamarack, Quincy, etc.—that annually return millions, run only from \$3 to \$13 a ton. Boston and Montana 6 years ago sold for \$15 a share, to-day \$275, paying 240 per cent. on investment. United Verde sold for 30c a share, to-day stock in the market and pays 8,666 per cent. on investment. Calumet and Houghton sold for \$1 a share, to-day worth \$800, and pays on investment 10,000 per cent. Entire capital stock of United Verde was offered for \$150,000 and refused. Senator Clark, later, paid \$300,000, and to-day has an annual income from this property of over \$13,000,000.

If it is possible here with labor six times higher than in Mexico, with ore five times less valuable, with fuel five times dearer, and everything else in proportion, do you doubt that "El Progreso" will return 175 per cent. and more, annually, to original investors, to first stockholders who contribute the money to start "ball rolling," who are on the "ground floor"?

An experienced, know the country, the people, the language, live there 18 years, and know the mines of this section of Mexico, and unbelievably state El Progreso is the best; have been worked for generations in a Mexican way, and supplied the copper for the surrounding country. No attempt over made to extract the gold, silver or quicksilver.

A modern plant on concentrating and smelting plant—smelting only the \$43 ore—will return \$400,000 per annum; thus \$43, \$10 for treatment, equals \$33 x 40 tons equals \$1,320 a day, for 30 days equals \$39,600. This will pay 26 per cent. on \$1,500,000 total capitalization. Par value of shares \$1.00 100,000 shares are a treasury stock, and 400,000 of this to be sold very low to raise money to start things when price will be greatly advanced—100,000 at 12c (all sold), 100,000 at 15c, 100,000 at 20c, 100,000 at 25c.

DAVID B. RUSSELL, President,
El Progreso Copper Mining Co.,
July 4 0m 63 Wall Street New York